

Converting Colors

CIELCh(78, 31.980, 325.172)

Have a look what the booklet for
CIELCh(78, 31.980, 325.172)
contains.

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Color

CIELCh(78, 31.874, 325.080)

Conversions

Conversions Part 1

Format	Color
Hex	E2B1E3
RGB	226, 177, 227
RGB Percent	89%, 69%, 89%
CMY	0.1134, 0.3055, 0.1095
CMYK	0.00, 0.22, 0.00, 0.11
HSL	299°, 47%, 79%
HSV	299°, 22%, 89%
XYZ	61.0084, 53.2120, 79.7927
YIQ	197.3510, 13.1540, 25.9380

Conversions

Conversions Part 2

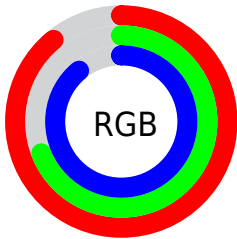
Format	Color
R _Y B	226, 177, 227
Decimal	14856675
CIE Lab	78.00, 26.14, -18.25
CIE LCh	78, 31.874, 325.080
Yxy	53.2120, 0.3145, 0.2743
Android (android.graphics.Color)	4293046755 (0xFFE2B1E3)
YUV	197.3510, 14.6170, 25.1252
Hunter-Lab	72.9466, 21.6309, -13.7919

Details

The CIELCh color $78, 31.874, 325.080$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $86, 31.828, 142.511$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.736, 324.896$, and $58, 32.024, 324.742$ is the 20% darker color. If you saturate the color by 10%, you get $73, 46.241, 325.602$, and if you desaturate by 10%, it is $83, 17.342, 324.539$.

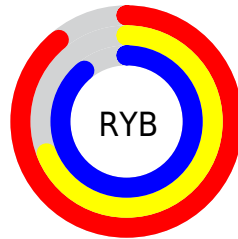
Distribution



Red (89%)

Green (69%)

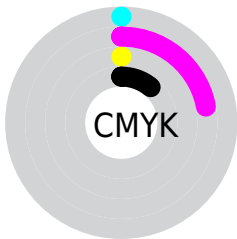
Blue (89%)



Red (89%)

Yellow (69%)

Blue (89%)

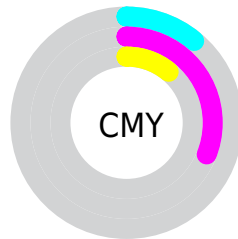


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (31%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 31.874, 325.080 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 78, 31.874, 325.080 by changing the saturation by 10% instead.


 78, 31.874,
325.080


 78, 31.874,
325.080


 100, 31.874,
325.080


 68, 31.874,
325.080


 98, 31.874,
325.080

 58, 31.874,
325.080

 48, 31.874,
325.080

 38, 31.874,
325.080

 28, 31.874,
325.080

 18, 31.874,
325.080

 8, 31.874, 325.080

■ 0, 31.874, 325.080

■ 78, 31.874,
325.080

■ 78, 31.874,
325.080

■ 73, 46.241,
325.602

■ 83, 17.342,
324.539

■ 68, 60.100,
326.091

■ 89, 2.898, 323.923

■ 64, 72.990,
326.530

■ 95, 11.299,
143.517

■ 60, 84.360,
326.900

■ 97, 17.260,
143.046


■ 57, 93.642,
327.181


■ 97, 17.169,
142.620


■ 55, 100.376,
327.361


■ 98, 17.078,
142.188

 54, 104.374,
327.435

 98, 16.989,
141.752

 53, 105.965,
327.434

 98, 16.901,
141.310

 98, 16.813,
140.864

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78, 31.874, 325.080



86, 31.828, 142.511

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 31.874, 325.080



78, 31.874, 15.080



78, 31.874, 145.080



78, 31.874, 195.080

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78, 31.871, 325.080



96, 11.065, 324.260



74, 26.183, 291.416



51, 7.192, 324.295



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 31.871, 325.080



84, 41.338, 325.300



77, 23.276, 343.782



45, 8.254, 324.397



42, 88.505, 327.446



8, 37.134, 327.567

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77, 19.414, 19.480



83, 25.575, 19.938



86, 22.739, 159.990



45, 4.815, 18.318



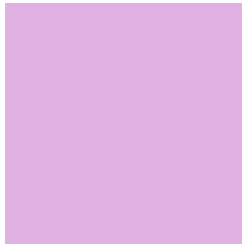
37, 79.093, 39.150



6, 27.038, 20.937

Previews

White Background



This preview shows how the CIELCh color 78, 31.874, 325.080 looks on a white background.

Color Contrast Check

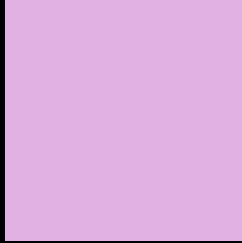
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 31.874, 325.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

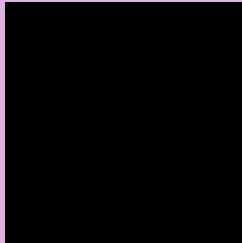
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 31.874, 325.080

Background



This preview shows how black text looks on a background with the CIELCh color 78, 31.874, 325.080.



This preview shows how white text looks on a background with the CIELCh color 78, 31.874, 325.080.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
78, 31.874, 325.080

Protanopia
78, 24.717, 286.293

Deuteranopia
78, 20.151, 300.793



Tritanopia
78, 16.361, 353.704

Trichromacy



Original Color
78, 31.874, 325.080

Protanomaly
78, 25.695, 302.272

Deuteranomaly
78, 24.137, 312.335

Tritanomaly
78, 21.080, 338.086

Monochromacy



Original Color
78, 31.874, 325.080

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.678, 324.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 31.874, 325.080 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(226, 177, 227)` looks like.

```
.text, #text, p{  
    color:rgb(226, 177, 227)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 177, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 177, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 31.874, 325.080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 177, 227) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 177, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 177, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 177, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 177, 227);  
box-shadow:4px 4px 4px 4px rgb(226, 177,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 31.874, 325.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 177, 227) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
177, 227) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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